

## IN THE CLAIMS

This listing of claims replaces all prior listings.

1. (previously presented) A computer-implemented method in a data processing system having a program in a memory, the method performed by the program comprising the steps of:  
asynchronously receiving a first datatype at a subscriber;  
determining whether the subscriber subscribes to at least one additional datatype after receiving the first datatype; and  
querying for the at least one additional datatype responsive to a determination that the subscriber subscribes to the at least one additional datatype. 62-68
2. (original) The method of claim 1 further comprising the step of:  
asynchronously receiving at least one of the additional datatypes.
3. (currently amended) The method of claim 1, wherein the first datatype includes ~~has a metadata that describes a data and~~ a reference to the data, the data being maintained separately from the first datatype, the first datatype including a metadata including a key that enables the first datatype to be joined with other datatypes having the key in their respective metadata, and wherein determining whether the subscriber subscribes to additional datatypes comprises identifying the key in the first datatype.
4. (original) The method of claim 1, wherein a storage controller is queried for the additional datatypes.
5. (original) The method of claim 1, further comprising the step of:  
subscribing to the first datatype and at least one of the additional datatypes.

6. (previously presented) A tangible computer-readable medium containing instructions that cause a program in a data processing medium to perform a method comprising the steps of:

asynchronously receiving a first datatype at a subscriber;

determining whether the subscriber subscribes to at least one additional datatype after receiving the first datatype; and

querying for the at least one additional datatype responsive to a determination that the subscriber subscribes to the at least one additional datatype.

7. (original) The computer-readable medium of claim 6, further comprising the step of: asynchronously receiving at least one of the additional datatypes.

8. (currently amended) The computer-readable medium of claim 6, wherein the first datatype ~~includes has a metadata that describes a data and~~ a reference to the data, the data being maintained separately from the first datatype, the first datatype including a metadata including a key that enables the first datatype to be joined with other datatypes having the key in their respective metadata, and wherein determining whether the subscriber subscribes to additional datatypes comprises identifying the key in the first datatype.

9. (original) The computer-readable medium of claim 6, wherein a storage controller is queried for the additional datatypes.

10. (original) The computer-readable medium of claim 6, further comprising the step of: subscribing to the first datatype and at least one of the additional datatypes.

11. (previously presented) A data processing system comprising:

a memory having a program that asynchronously receives a first datatype at a subscriber, determines whether the subscriber subscribes to at least one additional datatype after receiving the first datatype, and queries for the at least one additional datatype responsive to a determination that the subscriber subscribes to the at least one additional datatype; and

a processing unit that runs the program.

12. (previously presented) A data processing system comprising:  
means for asynchronously receiving a first datatype at a subscriber;  
means for determining whether the subscriber subscribes to at least one additional datatype  
after receiving the first datatype; and  
means for querying for the at least one additional datatype responsive to a determination that  
the subscriber subscribes to the at least one additional datatype.